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22 MAR 1977

MEMORANDUM FOR: Deputy Director for Administration

FROM : James H. McDonald
Director of Logistics

SUBJECT : Recommendation for the Project SAFE Location

1. Six major site alternatives were originally presented for the location of the Project SAFE computer center and supporting office space. Subsequent discussions between the Office of Logistics and Project SAFE personnel, Office of Data Processing (ODP), have concluded that the area in the northeast corner of the Headquarters Building on the ground floor bounded by the E corridor, the tunnel corridor, and the building perimeter wall (shown on Attachment A), is the best technical site.

2. This area, which is the northside mirror image of the ODP K03 computer center, can be enlarged to provide approximately 17,615 sq. ft. of the projected 20,000 sq. ft. space requirement in a one-floor plan with a uniform configuration, which is preferred by ODP. This location on the ground floor provides convenient access to utilities (particularly to electrical vault C which is being expanded to support SAFE). Selection of this location negates the alternate requirement to convert prime office space on the first floor. The Director of Central Reference has also indicated a preference for a ground floor location. In addition, this site provides a nearby slab ongrade location required for the Uninterruptible Power Supply (UPS) systems to support the heavy concentrated load of the UPS batteries. Attachment B graphically depicts the technical requirement to locate the UPS systems within 100 feet of electrical vault C. The yellow shaded areas, having basement areas below, are not slab ongrade and are thus excluded from consideration. The area shaded blue on Attachment A represents the recommended location of the supporting UPS systems.

3. This recommendation tends to functionally group the SAFE center with existing major computer facilities of the ODP center (K003) and NSO's Signal Analysis Division (6576) on the ground floor along the front of the building and yet provides reasonable separation to minimize common disasters. The balance of SAFE office space and future expansion from this site is possible to the west of E corridor on the ground floor or along the south end of the IEAB subcorridor on the first floor. Identification of such additional space, however, is to be deferred until completion of SAFE systems engineering in FY-78 and FY-79 to better define the totality of the SAFE system.

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SUBJECT: Recommendation for the Project SAFE Location Cont

4. The General Services Administration (GSA) is currently selecting an Architect-Engineer (A-E) firm in response to our scope of work requirement for design services. GSA has requested that the particular site be identified by 31 March 1977. Final decision on the SAFE site is also required to begin detailed engineering for the ADSTAR system and to integrate this large SAFE space requirement into the planning of the complex move sequences involving the exodus of occupants of approximately 88,000 sq. ft. into leased office space outside of the Headquarters Building.

5. The Office of Logistics is concurrently addressing the facilities requirements for Project ADSTAR and has concluded that both of these projects must be treated as one facilities problem as they compete for space and electrical power in the same general area. Attachment B indicates the two existing photoprocessing areas of OCR (GE0433 and GE0430) which had been proposed as sites for the photoprocessing portion of the ADSTAR system but which conflict with the aforementioned recommendation for the location of the SAFE center and its supporting UPS systems. Consequently, it is further recommended that the Project ADSTAR photoprocessing areas be relocated to either option shown on Attachment A. This impact on Project ADSTAR has been discussed with both Project SAFE and ADSTAR program managers who understand the necessity to relocate this portion of ADSTAR and concur in this recommendation.

6. In summary, it is recommended that the proposed locations for the Project SAFE computer center and supporting utilities as shown on Attachment A be approved. Should it be necessary, OL personnel are available for a detailed briefing regarding this recommendation.

James H. McDonald
James H. McDonald

Atts

APPROVED: *15/ Michael J. Malanick 25 Mar 77*

DISAPPROVED:

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